



100 Gbps Radio-over-Fiber Links at the W-Band

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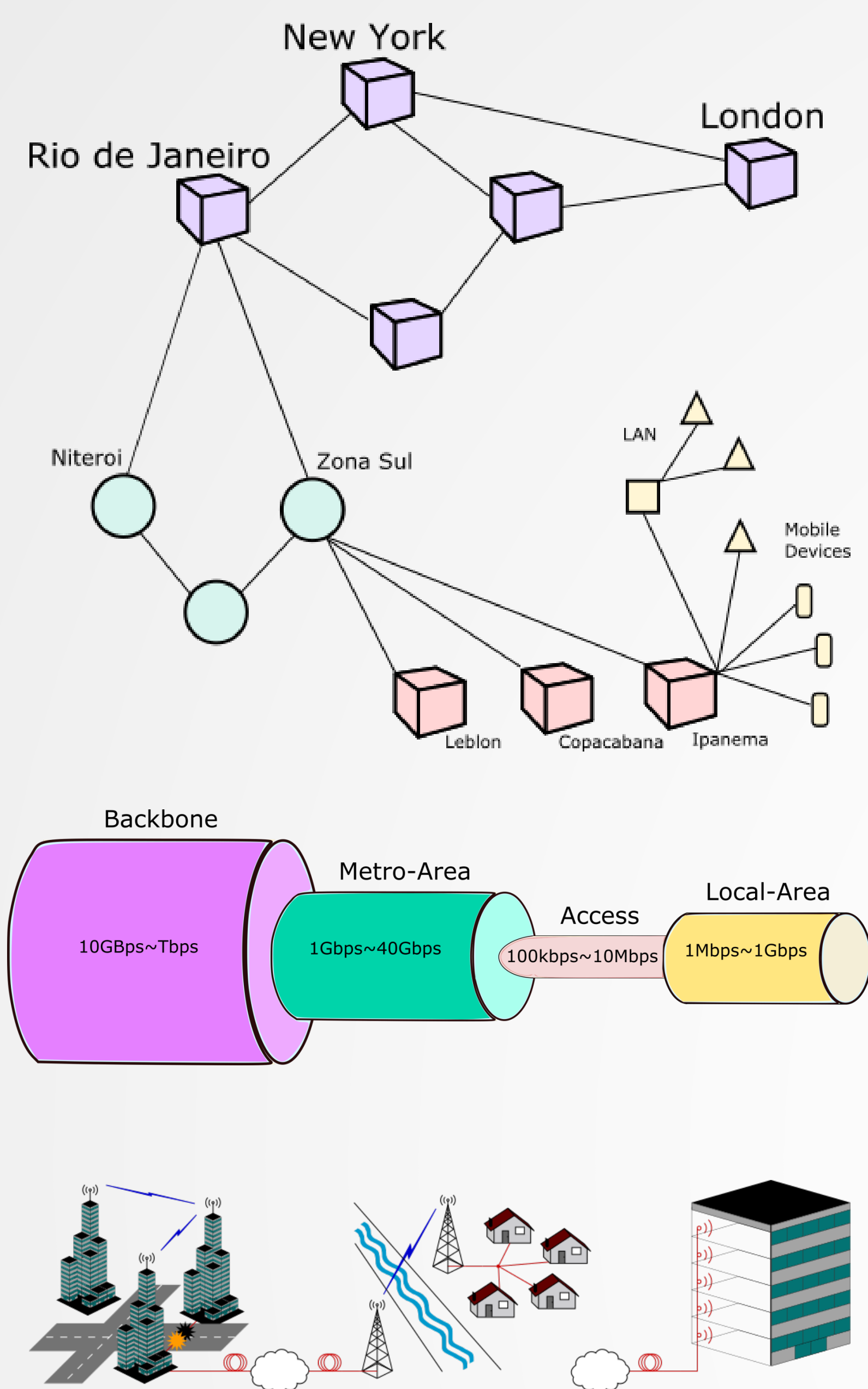
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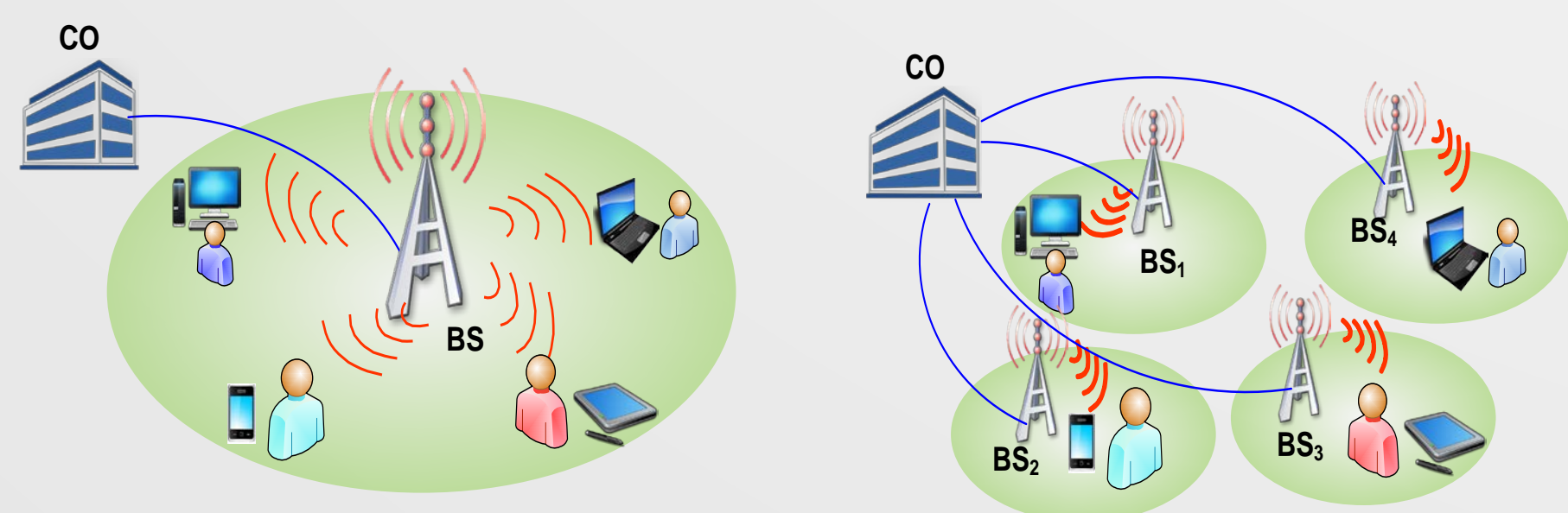
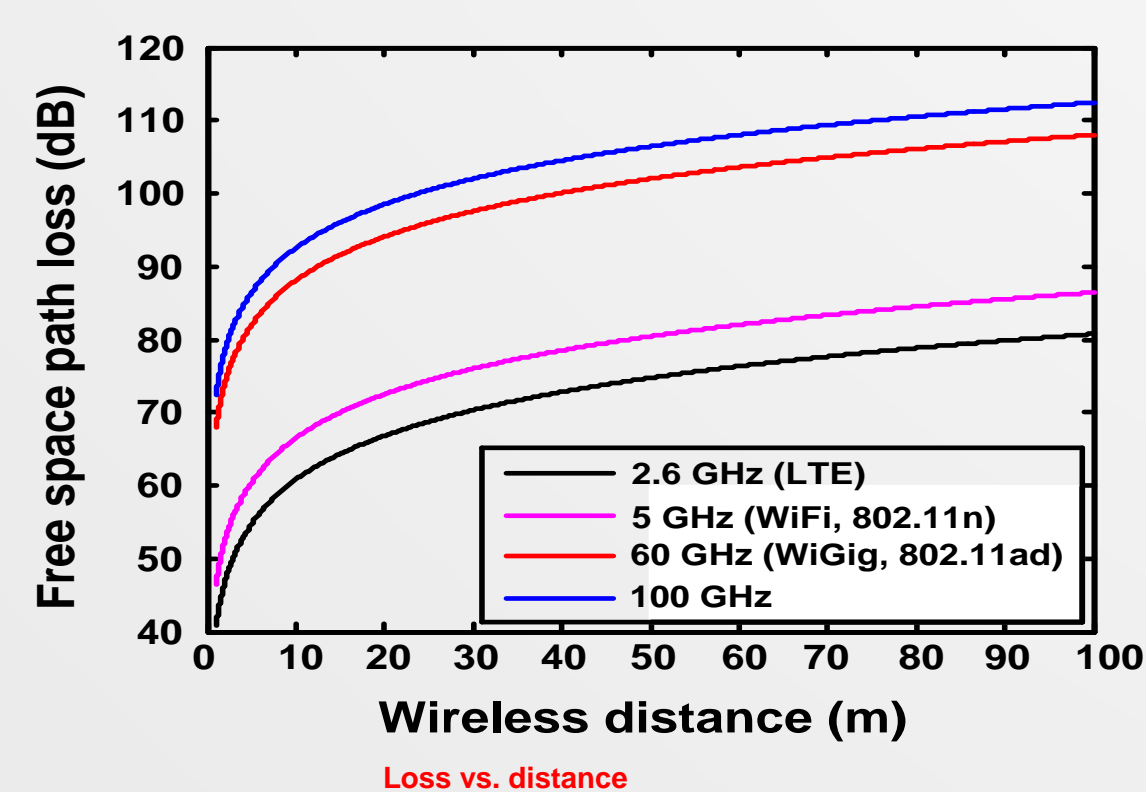
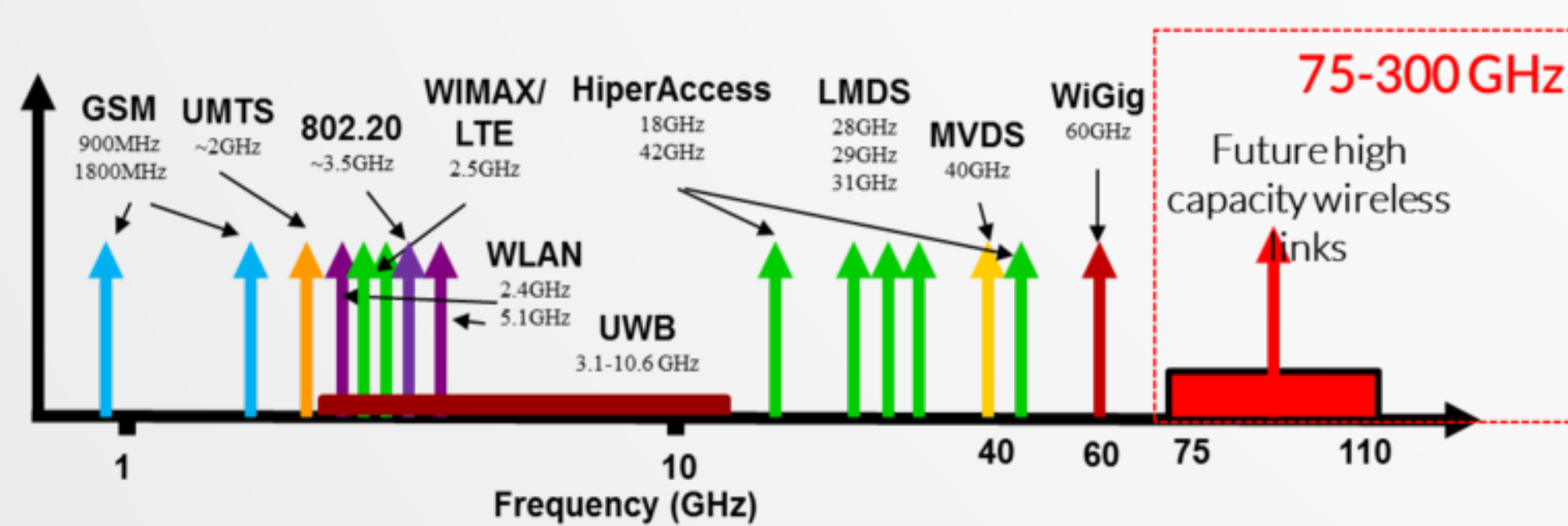
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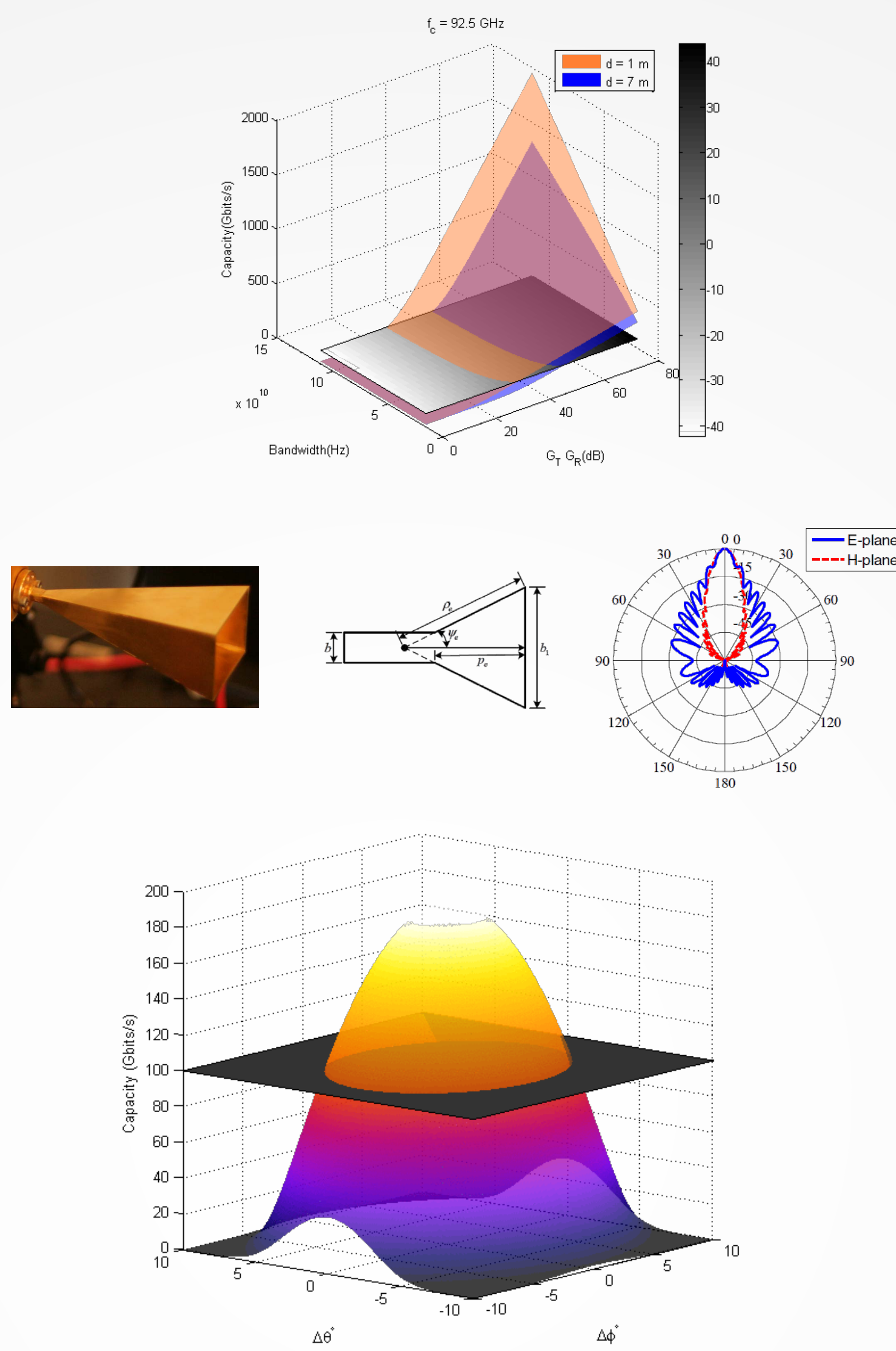
Bottleneck in Access Network & Convergence of Optical and Wireless Access



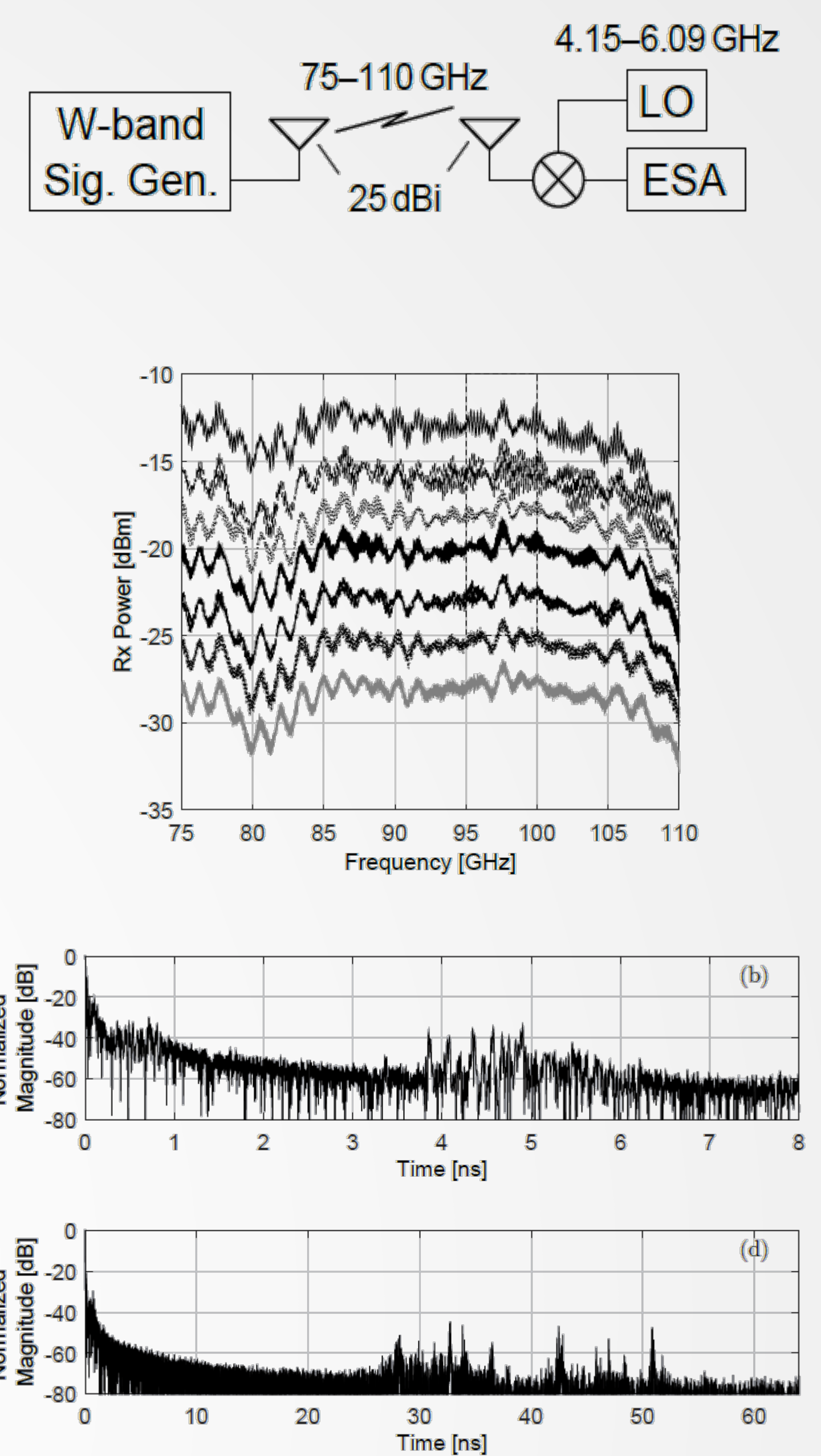
Photonic Generation of RF Millimeter-Waves



Channel Capacity & Antenna Directivity



Characterization of Channel Small-Scale Effects



RoF Experimental Setup

Distances: 20m-70m

Rate: NRZ 2.5 Gbps

Wireless Carrier Frequencies: 75 GHz – 87 GHz

